

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577
Thermal conductivity of melt	0.55	W/(m K)	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	29000	MPa	ISO 527
Tensile Strength	207	MPa	ISO 527
Flexural modulus, 23°C	24000	MPa	ISO 178
Charpy impact strength, +23°C	34	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy impact strength, -30°C	26	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	8	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	8	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	255	°C	ISO 75-1/-2
Vicat softening temperature, A	310	°C	ISO 306
Coeff. of linear therm. expansion, parallel	9	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10

Electrical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Surface resistivity	100000	Ohm	IEC 62631-3-2

Other properties	Value	Unit	Test Standard
Density	1490	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	150	°C	-
Pre-drying - Time	3 - 6	h	-
Processing humidity	≤0.05	%	-
Melt temperature	390	°C	-
Mold temperature	170 - 200	°C	-
Zone 1	360 - 370	°C	-
Zone 2	380 - 390	°C	-
Zone 3	390 - 400	°C	-
Nozzle temperature	360 - 380	°C	-

## Characteristics

### Processing

Injection Molding

### Delivery form

Black

### Additives

Lubricants

### Special Characteristics

Increased electrical conductivity

### Applications

Aircraft and Aerospace, Automotive, Medical

### Regional Availability

North America, Europe, Asia Pacific